

KHPOVICH,Yu.N., redaktor; SOKOLOV,I.Yu., redaktor; SOCHEVANOV,V.G., redaktor; TITOY,V.I., redaktor; SHMANENKOV,I.V., redaktor KOLOSKOVA,M.I., redaktor; PEN'KOVA,S.A., tekhnicheskiy redaktor

[Chemical and physico-chemical methods of analyzing mineral ores] Khimicheskie i fiziko-khimicheskie metody analiza mineral'nogo syr'ia. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedor, 1955. 191 p. (MIRA 9:4)

1. Vsesoyuznoye soveshchaniye rabotnikov khimiko-analiticheskikh laboratori. (Ores--Sampling and estimation)

PENOVA M.

- (92) (225)
- Sofia, Bulgaria, Vol. 12, No. 2, March-April 1962
1. "The Foundation of the First Radical Care Society in Bulgaria in 1958," A. S. JURKOV, and P. BOYAROV (Professor A. BOYAROV, Head of Department of Radiobiology, Bulgarian Higher Medical Institute), Sofia; pp 3-6.
  2. "Naphthalene," D. LINDNER; pp 8-9.
  3. "The Application of Radioactive Isotopes in Pharmacy," K. NIKOLAEV, R. GYURANOV, and V. KIRILOV (Professor V. KIRILOV, Head of Department of Radiopharmacy, Bulgarian Higher Medical Institute); pp 10-15.
  4. "Concerning the Quantitative Separation of Cystine and Peptidocystine," A. VULKOVA and A. KOLEVSKA; pp 16-19.
  5. "The Catalytic and Analytical Properties of Hydrazones," M. CHIKHOV of the Ministry of Chemical Research Institute; pp 21-25.
  6. "The Potentiometric Titration of Phenylacetic Acid or the Hydrochloride of Phenylacetic Acid with Sodium Nitrate," B. I. KONSTANTINOV and V. DRAGOMIR (see preceding article); pp 27-32.
  7. "The Production of Glyceral-4-hydroxyphenylether," L. MINDO (see preceding article); pp 33-35.
  8. "Concerning the Development, Extraction, and Chemical Composition of the Roots of Rorippa and Carthamus as Drugs in Bulgaria," T. E. VENKULOV and D. B. PENNOV; pp 36-39.

— 1A —

*PERIODIC, M.*

DRAFTED, Series, Vol. II, Jan. 1, 1968

1. V. GORBATYU (secret) and N. VYAZEMSKY (top level meeting, 1967). In the area (and Soviet Communist Party Congress, 1967). pp. 30-31.
2. FOR THE COMMUNIST INTERNATIONAL: STANCE TAKING, 1967. pp. 5-11.
3. V. KONOVLEV and G. KERZHNIKOV: Reporting Periodic Operations in Marketing Drugs in Kazakhstan, pp. 1-17.
4. B. DANILOV: Report on "The State of Trade of Foreign Major Cities," pp. 1-20. (Russian, Summary)
5. V. KILIN: Comprehensive Information of Medicine and Pharmaceuticals in the Republics, pp. 272-29.
6. V. RUDOVICH: Political and Economic Study of the Soviet Union's Position on the Question of Separation from Certain Positions, pp. 20-22. (Russian, Summary)
7. N. ZHURAVL'OV (pharmaceutical director of Kazmash, Director of Kazmash), Studies of the USSR and Kazakhstan, and Expectations in work future by organizations, pp. 17-21.
8. L. KOGAN: The Pharmaceutical Industry, pp. 42-44.

— 2/ —

✓

PENOVA, M.

Bulgaria

No degree listed

Department of Pharmacology, Institute for the Specialization and Advanced Study of Physicians (Institut za Spetsiyalizatsiya i usuvurshenstvuvane na lekarite), Sofia

Sofia, Farmatsiya, No 5, Sept-Oct 1962, pp 12-16.

"On Some Applications of Siliconite"

BULGARIA

PENOVA, M.

Sofia, Farmatsiya, No. 1, Jan-Feb 1963, pp 18-22

"Application of Ultraviolet Light in Pharmacy."

(1)

Bulgaria  
 Category : Chemical Technology. Pharmaceuticals. Vitamins.  
 Antibiotics

Abs. Jour : Ref Zhur-Khimiya, No 14, 1959, No 50676

Penova, M.

Author : Tranzhafilov, T; Boyadzhiev, M.; Penova, M.\*

Institute : -

Title : The Extraction Dynamics in the Maceration Techniques

Orig Pub. : Farmatsiya (Bulg.), 1958, 8, No 2, 28-29

Abstract : Extraction processes, in general, are based on distribution and diffusion. Among the extraction methods employed the maceration technique, conducted in a state of relatively static phase conditions, is the most unrealistic one since it yields very small quantities of the extracted material (medicinal preparation). This is explained by insufficient inter-

\*Milev, M.

Card: 1/5

H-74

Country : - - - - -

Category : Chemical Technology. H-17

Abs. Jour : Ref Zhur-Khimiya, No 14, 1959, No 50676

Author :

Institute :

Title :

Orig Pub. :

Abstract : change between the phases. The present day technique involving galenical type of preparations seeks new ways, by means of which the maceration techniques be sufficiently modified to attain higher yields in the extraction of medicinal preparations. The experimentation was conducted with the purpose of establishing limits of maximum yield and of maceration. Time of contact between the phases was a function of solvent nature (water,

Con'd

Card: 2/5

Category : Chemical technology.

Abs. Jour : Ref Zhur-Khimiya, No 14, 1959, No 50676

Author :

Institute :

Title :

Orig Pub. :

Abstract : alcohol 40-60%), temperature, relative stagnancy of a system, and of degree of mechanical agitation determined at two different temperatures. Experiments were conducted employing leaves of belladonna. For the purpose of finding a suitable solvent, capable of extracting maximum quantities of active components, water and 40-70% alcohol were tried separately. It was established that temperature of 60° has a positive effect on  
Con'd

Card: 3/5

H-75

Country :	H-17
Category :	Chemical Technology.
Abs. Jour :	Ref Zhur-Khimiya, No 14, 1959, No 50676
Author :	
Institute :	
Title :	
Abstract :	the rate of diffusion of the extraction process; at the same time, the maceration contact time between the two phases is noticeably reduced. Violent mechanical agitation conducted at 60° temperature reduces the maceration contact time between the phases, resulting in insuring maximum yield of extracted alkaloids from belladonna leaves. Among the solvents used, 40% alcohol was found to be the most suitable for the extraction of large quantities of medicinal substances for the shortest
Con'd	
Card:	4/5

COUNTRY : BULGARIA  
CATEGORY : Chemical Technology. Chemical Products and Their  
Application. Pharmaceuticals. Vitamins. Antibi-\*  
ABS. JOUR. : Rzhitim., No 17, 1959, No. 61791

H

AUTHOR : Trandafilov, T.; Penova, M.  
INSTITUTE : Viss. Ned. Inst., Sofia  
TITLE : Dynamics of Extraction in the Percolating Process

ORIG. PUB. : Nauchni tr. Viss. Med. in-t. Sofia. Farmacevt.  
fak., 1955 (19570, 3, No 5, 1-17)

ABSTRACT : Qualitative and quantitative dependencies between  
extracted alkaloids and balast materials was es-  
tablished. Quantity of separated substances de-  
pends on the weight-volume ratios of phases and  
on the nature and concentration of a solvent. The  
maximum yield of extracted alkaloids with a mix-  
ture of water-alcohol is attained with 40% alcohol  
content; the extracted quantity decreases some-  
what at 50-60% alcohol content. At the increased  
acidity of a solvent (pH of 4.6) quantity of the

\*otics.

Card:

1/2

H - 59

PENOVА, Ye.

Contribution of technologists of the Zhdanov shipyard.  
Sudostroenie 27 no.10:13 0 '61. (MIRA 14:12)  
(Leningrad--Shipbuilding)

SIDOROCHKIN, S.S.; OSINKIN, Ya.M.; CHURIN, V.N.; YUSHTIN, Ye.I.;  
YANKOVSKAYA, Z.V.; POKROVSKIY, M.N., otv. red.; PENOVA,  
Ye.M., red.; SOSIPATROV, O.A., red.; KOMAROVA, N.P., red.

[Handbook on safety engineering and industrial sanitation in  
three volumes] Spravochnik po tekhnike bezopasnosti i proiz-  
vodstvennoi sanitarii v trekh tomakh. Leningrad, Sudostroenie.  
Vol.2. 1965. 679 p. (MIRA 18:10)

1. Russia (1923- U.S.S.R.) Laws, statutes, etc.

FENOVA, Ye.M.

An early completion of the assignments of the seven-year plan.  
Sudostroenie 29 no.10:69-70 O '63. (MIRA 16:12)

BUKALOV, Valeriy Mikhaylovich; NARUSBAYEV, Aleksandr Abdugaparovich;  
GERASIMOV, V.N., kand. tekhn. nauk, retsenzent; FEDIN, P.G.,  
inzh., retsenzent; YEGOROV, S.A., nauchn. red.; PENOVA, Ye.M.,  
red.

[Design of atomic submarines; from materials in the foreign  
press] Proektirovanie atomnykh podvodnykh lodok; po materia-  
lam inostrannoj pechati. Leningrad, Sudostroenie, 1964.  
287 p. (MIRA 17:7)

GANF, Lev Abovich; DMITRIYEV, Aleksandr Nikoleyevich; ASHIK, V.V.,  
prof., retsenzent; GLUSHCHENKO, G.T., inzh., retsenzent;  
STOLYARSKIY, L.L., nauchn. red.; PENOVA, Ye.M., red.

[The path of the ship] Put' korablia. Leningrad, Sudostroenie,  
1964. 257 p. (MIRA 18:2)

BELYAYEV, Leonid Mikhaylovich; GORSKIY, L.A., inzh., retsenzent;  
PASHKOV, N.Ye., inzh., retsenzent; OSINKIN, Ya.M., inzh.,  
nauchn. red.; PENOVA, Ye.M., red.; KRYAKOVA, D.M., tekhn.red.

[Safety measures in knotting and splicing operations in  
shipbuilding] Tekhnika bezopasnosti pri takelazhnykh rabotakh  
v sudostroenii. Leningrad, Sudpromgiz, 1963. 61 p.

(MIRA 16:12)

(Shipbuilding—Rigging) (Knots and splices)

YUSHTIN, Yevgeniy Ivanovich; OSMINKIN, Ya.M., inzh., retsenzent;  
PASHKOV, N.Ye., inzh., retsenzent; PENOVA, Ye.M., red.;  
KOROVENKO, Yu.N., tekhn.red.

[What a crane operator should know about safety engineering]  
Chto nuzhno znat' kranovshchiku o tekhnike bezopasnosti.  
Leningrad, Sudpromgiz, 1963. 29 p. (MIRA 16:6)  
(Cranes, derricks, etc.--Safety measures)

BOGDANOV, Boris Vladimirovich; DUBININ, N.P., inzh., retsenzent; KOCHEROV,  
N.P., inzh., retsenzent; PENOVА, Ye.M., red.; KOROVENKO, Yu.N.,  
tekhn. red.

[Seagoing and roader barges; design and construction] Morskie i  
reidovye barzhi; proektirovanie i konstruktsiia. Leningrad, Dud-  
promgiz, 1963. 294 p.  
(MIRA 16:5)  
(Barges--Design and construction)

KOROVYANOVSKIY, Il'ya Grigor'yevich; PENOVICH, Ye.I., red.;  
BORUNOV, N.I., tekhn. red.

[Electric insulating materials in the construction of  
high-voltage switches and current transformers] Elektro-  
izoliatsionnye materialy v konstruktsiiakh vyklyuchatelei  
i transformatorov toka vysokogo napriazheniya. Moskva,  
Gosenergoizdat, 1963. 87 p. (MIRA 16:10)

(Electric switchgear) (Electric transformers)  
(Electric insulators and insulation)

PENOVIN, Vladimir Dr.

Nebojsa Niksic - vet. on State Farm Belje

"The Caesarean Section in Sows"

Source: Veterinaria, Svezak 4, 1953 p. 601

KUZ'MINA, A.N., inzh.; FENS, M.N., inzh.

Using electronic computers in calculating the production plan  
for machinery plants. Mekh. i avtom. proizv. 19 no.8:43-46  
Ag '65.  
(MIRA 18:9)

PENSA ARSEN

AUTHOR: Pensa, Ivanov, S. and F. Director (Gjordje Petrov),  
Jankovic, Uros and Nikolic, Predrag, Radičević, Mladen  
TITLE: Development and Prospects of the Mining and Processing  
of Chromium Ore

PERIODICAL: Tehnika, 1959, Nr 1, pp 45-49 (YUG)

ABSTRACT: The article is an abridgement of a paper presented at the Sarajevo Saveza Inženjera i tehnikara i tehnika strukara i metala struke (Conference of the Union of Mining and Metallurgical Engineers and Technicians) held in Skopje between 16 and 19 May 1958. After a brief review of chrome as a mineral raw material, its mining, deposits, production, consumption, prices, use in the metallurgical and chemical industry and in the production of refractory materials throughout the world, the author gives some figures for production and consumption in the USSR and for the quality of chrome, mined in the Alman and Aravajsko deposit in the USSR. The author also discusses the situation in Yugoslavia. Here production is restricted to three mining districts 1). Radna, Dova and Lojanje, where mainly low grade ore with poor chromium content is mined and processed in its separation installations. Two new plants to increase the processing of low-grade ore and chromium concentrate have been constructed, i.e. the Zagonbora Industrija Visko-vatrogasnog materiala (Refractory Material Plant) in Kraljevo which started production in 1953 and the "Jugohrom" Kosinjatz za Proizvodnju hrončnih proizvoda i ferrochroma (Chromium Products and Ferro-chrome Plants) in Šećenovac near Petrovac started production of ferrochromium and silichromium in 1957 and the production of dichromates will start in 1958. The production of chrome in the Yugoslav chromium mines: the Rudnicki Lubotenčki serpentinskih maziva (Radna) (Lubotenčki Joršansko Mining Area) in the San Mountains, including the mines Nada, Čašak, Gorance, Kafe Orah, Stan-ković and Jasine with a total production of 87,500 tons in 1957; the Rudnicki Gornji Lepenac (Brezovica) (Lepečne Mine), including the mines Jezarina, Beljare, Nišnja, Livad and Rudnica with a total production of 7,000 tons in 1957, and since 1958 under the administration of the Rudnicka Mine; the Rudnicki Lođane Mine including the mines Centralna, Šećen, Gvožde, Buka and Antogneti, with a total production of 9,500 tons in 1957; the Rudnicki Dova, Gaf-čevac (Dova Mine), including the mines Dova, Gaf-čevac, Gradištje and Savnik, with a production of 15,354 tons in 1957; and the Rudnicki Pančurovo (Pančurovo Mines), which were closed down in 1951.

Card 1/5

The output from the remaining mines in Yugoslavia is 1% of the total production. Separation and enrichment equipment is installed in Gjordje Petrov with a capacity of 360 tons per day and in Dova with a capacity of 70 tons per day. About 50,000 tons of ore were exported in 1956 and 16,000 tons were im-ported in 1957 from Albania. Some 29,000 tons of ore, including 16,000 tons imported from Albania, were processed in the Jugoslovenske Rude "Magno-hrom" and Jugoslovenske Rude "Magnetit" and were exported in 1957. The future production of chromium ore is estimated at 150,000 tons a year and the consumption for 1959-1960 is 100,000 tons in separate figures. Ferrochromium was imported and the refractory material was used in the country. Because the Yugoslav chromium mines are the worst equipped of all non-Eurasian metal mines, big efforts are needed to rationalize the investments in mines necessary to increase the production of rich ore and to develop new methods of processing low grade ore, to cover the consumption and to increase the profitability of the Jugoslovenske Rude Plants. In spite of reduction of personnel in the mining and refining work productivity, the results have been unsatisfactory because of the low standard of qualifications of the personnel. There are 14 tables, 2 photos and 16 references of which 4 are English.

Card 2/5

Card 3/5

The output from the remaining mines in Yugoslavia is 1% of the total production. Separation and en-richment equipment is installed in Gjordje Petrov with a capacity of 360 tons per day and in Dova with a capacity of 70 tons per day. About 50,000 tons of ore were exported in 1956 and 16,000 tons were im-ported in 1957 from Albania. Some 29,000 tons of ore, including 16,000 tons imported from Albania, were processed in the Jugoslovenske Rude "Magno-hrom" and Jugoslovenske Rude "Magnetit" and were exported in 1957. The future production of chromium ore is estimated at 150,000 tons a year and the consumption for 1959-1960 is 100,000 tons in separate figures. Ferrochromium was imported and the refractory material was used in the country. Because the Yugoslav chromium mines are the worst equipped of all non-Eurasian metal mines, big efforts are needed to rationalize the investments in mines necessary to increase the production of rich ore and to develop new methods of processing low grade ore, to cover the consumption and to increase the profitability of the Jugoslovenske Rude Plants. In spite of reduction of personnel in the mining and refining work productivity, the results have been unsatisfactory because of the low standard of qualifications of the personnel. There are 14 tables, 2 photos and 16 references of which 4 are English.

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ASSOCIATION: Rudarska hromčna baza "Kruševač" (Chromium Mining Basin - Rudna - Radna)

(4)

PENSAR, IVO.

SCIENCE

PENSAR, IVO. Prilog prognoze mraza u nasim krajevima.

Zagreb, 1957. 13 p.

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 4, April, 1959

IDELEVCHIK, Z.B.; PENSEVICH-KOLYADA, V.F.

Study of oxides. Part 10: Interaction between  $\alpha$ -oxides of allyl phenyl ethers, o-, m- cresols, guaiacol and amines. Zhur. ob. khim. 28 no.3:792-795 Mr '58. (MIRA 11:5)

1. Institut khimii Akademii nauk Belorusskoy SSR.  
(Oxides) (Amines)

S/081/61/000/019/024/085  
B101/B144

AUTHORS: Khrushchov, N. A., Kruglova, V. G., Pensionerova, V. M.,  
Pankova, V. Ye., Rezovskaya, G. V.

TITLE: Distribution of rhenium, selenium, and tellurium in the  
molybdenum deposits of the Soviet Union

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 19, 1961, 92, abstract  
19G95 (Sb. "Mineral'n. syr'ye", M., no. 1, 1960, 86 - 92)

TEXT: Much-Re, Se, and, in part, also Te was found in some of the  
molybdenites from 26 deposits belonging to different genetic types. Re  
was determined by an improved photocolorimetric method permitting work  
with weighed portions of 0.05 - 1 g. The resulting data were confirmed  
by polarographic analysis. In the higher-temperature deposits of molyb-  
denite, molybdenite-scheelite, and quartz-molybdenite-tungstite-greisen  
formations, the Re content fluctuates between  $5 \cdot 10^{-4}$  and  $4.0 \cdot 10^{-3}$ , and  
that of Se is  $2.0 - 8.6 \cdot 10^{-3}\%$ . In the quartz-molybdenite-sericite forma-  
tion, the Re content ranges between  $1.0 - 6.3 \cdot 10^{-2}\%$ , and that of Se  
Card 1/2

Distribution of rhenium...

8/081/61/000/019/024/085  
B101/B144

between  $1.0 - 2.9 \cdot 10^{-2}\%$ . In the quartz-molybdenite-chalcopyrite formation, the Re content ranges between  $1.9 \cdot 10^{-2}$  and  $1.2 \cdot 10^{-1}\%$ , and that of Se between  $2.3 - 6.0 \cdot 10^{-2}\%$ . According to 16 determinations, the total Te content is up to  $1.5 \cdot 10^{-2}\%$ . Thus, the Re content in molybdenites, confronted with clarke, is higher by a factor of 6000 - 1,200000, and the Se content by a factor of 133 - 4000. Practically important Re contents are presented by the majority of mesothermal molybdenum deposits (quartz-molybdenite-sericite and, especially, quartz-molybdenite-chalcopyrite formations). In molybdenites containing only little Re, the Se content is also low as a rule. Se is abundant in molybdenites with a major Re content. A rise of Re concentration is intenser than a rise of Se concentration. This is explained by a higher isomorphic miscibility of Re with Mo. Te in molybdenites is only found in small amounts, and the accumulations it forms are of no practical interest. [Abstracter's note: Complete translation.] ✓

Card 2/2

AM4020384

BOOK EXPLOITATION

S/

Pakhomova, K. S. (Senior scientific collaborator) Pensionerova, V. M.  
(Senior scientific collaborator)

Methods for the chemical analysis of mineral raw materials (Metody\*  
khimicheskogo analiza mineral'nogo sy\*r'ya), Moscow, Gosgeol-  
tekhnizdat, 63. 0070 p. illus., biblio. Errata slip inserted. 2000  
copies printed. (At head of title: Gosudarstvenny\*y geologicheskiy  
komitet SSSR)

Series Note: Moscow. Vsesoyuzny\*y nauchno-issledovatel'skiy  
institut mineral'nogo sy\*r'ya. [Sbornik] vy\*p. 7.

TOPIC TAGS: beryllium, boron, germanium, gold, rhenium, scandium,  
tantalum, fluorine, chemical analysis, raw mineral, photometric  
method, photo-neutron method, neutron absorption method, extraction  
photometry method

PURPOSE AND COVERAGE: This is a continuation of a series devoted to  
chemical and physicochemical methods of testing various raw minerals,  
including analysis methods developed by VIMS, VSEGEIVSYeGYeI, and  
Geolograzvedochny\*y trest (Geological Prospecting Trust) No. 1. The  
Card 172.

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book deals with separation methods for beryllium, boron, germanium, gold, rhenium, scandium, tantalum, and fluorine. The described photometric, photoneutron, neutron absorption, and extraction-photometry methods are recommended for use in the laboratories of the geological service, along with the previously published methods, and also for use by laboratories of other organizations.

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SUB CODE: MA, ML      SUBMITTED: 26Jun63      NO REF Sov: 040

OTHER: 008      DATE ACQ: 03Apr64

Card 2/2

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239920017-7

MALENKO, S.V.; KUZNETSOVA, N.N.; PINSKAYA, V.I.; SH. SH., I.I.

New data on calciborite. Zap. Vses. min. ob-va 92 no.6:684-690  
'63. (MIRA 12:3)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239920017-7"

PENSIONEROVA, V.M., kand.tekhn.nauk; PANOV, A.I., red.izd-va;  
BYKOVA, V.V., tekhn.red.

[Methods for chemical analysis of minerals] Metody khimi-  
cheskogo analiza mineral'nogo syr'ya. Moskva, Gos.nauchno-  
tekhn.izd-vo lit-ry po geologii i okhrane nedr. No.5. 1959.  
72 p. (MIRA 13:3)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut  
mineral'nogo syr'ya.  
(Mineralogical chemistry)

MERLIN, V.S., prof., red.; PSHENICHNOV, V.V., dots., zam. red.;  
SMIRNOV, M.I., dots., red.; PENSKAYA, A.V., kand. pednauk, red.

[Problems in the psychology of personality and the psychology  
of work] Problemy psichologii lichnosti i psichologii truda.  
Perm' 1960. 201 p. (MIRA 16:6)

1. Perm'. Gosudarstvennyy pedagogicheskiy institut. 2. Permskiy  
pedagogicheskiy institut (for Merlin).  
(Personality) (Psychology, Applied)

PENSKAYA, A. V.

Penskaya, A. V. and Bychkov, M. S. "On the problem of ideo-motor acts", Vestnik Leningr. un-ta, 1948, No. 6, p. 100-09.

SO: U-2888, 12 Feb. 53, (Letopis' Zhurnal 'nykh Statey, NO. 2, 1949).

SIGAL, M.B.; KOZIOROVA, T.N.; LIMANOVSKIY, A.Ye.; PENSKAYA, E.K.

Properties and processing of teflon. Khim. volok. no.2:3-11  
'59. (MIRA 12:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut institut iskusstvenno-  
go volokna.  
(Ethylene) (Textile fibers, Synthetic)

## PENSKAYA, YE.A.

## PLATE I BOOK EXPLOITATION

SOV/98\*

International symposium on macromolecular chemistry. Moscow, 1960.

Moskva, 1960. Izd-vo Akademiya Nauk SSSR, Sistemika III. International Symposium on Macromolecular Chemistry Held in Moscow, June 14-18, 1960; Papers and Summaries, Section III. [Moscow, Izd-vo AN SSSR, 1960] 469 p. 55,000 copies printed.

Tech. Ed.: P. S. Kashina.

Sponsoring Agency: The International Union of Pure and Applied Chemistry. Commission on Macromolecular Chemistry.

PURPOSE: This book is intended for chemists interested in polymerization reactions and the synthesis of high molecular compounds.

COVERAGE: This is Section III of a multivolume work containing papers on macromolecular chemistry. The articles in general deal with the kinetics of polymerization reactions, the synthesis of special-purpose polymers, e.g., ion exchange resins, semiconductor materials, etc., methods of analyzing polymerization reactions, properties and chemical interactions of high molecular materials, and the effects of various factors on polymerization and the degradation of high molecular compounds. No personalites are mentioned. References given follow the articles.

UZENOV, EN. L., D. N. MUSIYEV, and R. S. MILLARX (USSR). The Radiation Method of Copolymerizing Acrylonitrile With Polystyrene and Perchloro vinyl. 170

NATIKOV, S. R., G. M. CHECHOKOVA, I. V. ZHURAVLEVA, and P. N. OSEBKOVA (USSR). Co-polymerization of Carbocyclic and Heterocyclic Polyisindole. 184

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ROGORIN, Z. A., V. A. PEROVITSKAIA, SUN TUNG, CHANG WEI-ZENG, and L. S. GALBRAUGH (USSR). Synthesis of New Cellulose Derivatives and Other Polysaccharides. 302

YERESSIKO, I. N., and P. N. KAPUTIKYAN (USSR). Initiation of the Controlled Synthesis of Acidified Celluloses With Oxides of Nitrogen. 310

LENIN, Y. I., M. YA. LENISHINA, Y.-S. IVANOVA (USSR). Redox-Initiated Transformations In Chains of Cellulose Molecules. 321

BERLIN, A. A., Y. A. PENTIKANOV, and O. I. VOLKOVA (USSR). Mechanicochemical Transformations and Block Copolymerization During the Freezing of Starch Solutions. 334

UDENOK, EN. L., B. I. AYKHEDZHAEV, and U. ALIZOV (USSR). Modification of the Properties of Cellulose by Grafting. 344

3

PENSKIY, A.P.

PENSKIY, A.P.; RAZUVAYEVA, Z.L.; GLAZOV, G.A., redaktor.

[Cast tools not requiring heat treatment] Litoi instrument, ne  
trebujuishchi te: lcheskoi obrabotki. Moskva, Gos.nauchno-tekhn.  
izd-vo mashinost.-st. lit-ry, 1946. 61 p. (MLRA 8:8)  
(Tools) (Steel castings)

✓ 2502. Penovko, Ya. S. Critical force of compressed columns in the  
Inelastic Range (in Russian). Izdatelstvo Akad. Nauk SSSR No.  
20, 160-313, 1951.

Paper establishes the previously well-known fact that maximum load  
of inelastic columns lies between tangent modulus (Shaboty) and re-  
duced modulus (Karaman) loads, in view of the fact that beyond  $F_c$ , with  
increasing load, deflection  $F_d$  decreases. It appears that in 1951  
I. M. Prager removed the Shaboty limitation by using a model esti-

that the curve remains concave down.

FENSA, A.

Roof bolts and their use in the Trepca Mine. p. 1. RUDARSKO-METALURSKI  
ZBORNIK. (Tehniska Visoka sola v Ljubljana. Fakultet za rudarstvo in  
metalurgijo) Ljubljana. No. 1, 1956

So. East European Accessions List Vol. 5, No. 9 September, 1956

PAKHOMOVA, K.S., st. nauchn. sotr.; PENSIONEROVA, V.M., st. nauchn.  
sotr.; FEDOROVA, L.N., red.izd-va; VOLOKHONSKAYA, V.M.,  
tekhn. red.

[Methods of the chemical analysis of mineral raw materials]  
Metody khimicheskogo analiza mineral'nogo syr'ia. Moskva,  
Gosgeoltekhizdat. No.7. 1963. 70 p. (MIRA 17:2)

GAKICHKO, S., kand. tekhn. nauk; PENSKAYA, K.; BORODIN, V.; BORNOVALOVA, A.

Thawing out of blocks of small fish. Khol. tekhn. 35 no. 3:39-44  
My-Je '58. (MIRA 11:?)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy  
promyshlennosti.  
(Fish, Frozen)

PENSKAYA, K.I.

## FILE 1 DOCUMENTATION 807/3787

International Congress of Refrigeration. Moscow, 1950

Sbornik Dokladov et Sbornik (Collected Series, Report). Moscow, Narzgorskat, 1950. 214 p. Printed slip inserted. 2,000 copies printed.

M. (Title Page); M. I. Korobkov (Editor); M. V. Chichikov (Auth.); 21.1; 7. Bibliography.

PURPOSE: This collection of articles is intended for those interested in the problems of food refrigeration.

CONTENTS: The collection contains 26 reports which were submitted at the meetings of the 3rd, 4th, and 5th Committees of the International Institute of Refrigeration. The meeting was held in Moscow, September 3-6, 1950, and was attended by 265 Soviet specialists and 115 representatives from other countries. The 23 reports discussed at this meeting cover such broad areas as the extension of the cooling of refrigerating installations, the use of flamed-tube type refrigerating devices, fast-freezing food freezers, the theory and technology of cold cooling and freezing of meat and fish, the use of antibiotics in the cold storage of foods, and the question of refrigerators and cooling systems. A complete account of the proceedings of this meeting was published by the International Institute of Refrigeration in 1950. Separate articles are mentioned. References follow several of the articles.

## TABLE OF CONTENTS

Gladilin, I. [Vsesoyuznyy Institut po Proektirovaniyu Pre- priyatiy Khodil'skoy proizvodstvennoi (State Institute for the Design and Planning of Establishments of the Refrigeration Industry)], N. Frid (Motoravto Khodil'sk No. 12 (Research Re- frigerator No. 12)), and N. Tsvetkov (All-Union Scientific Research Institute of the Refrigeration Industry) serial A. I. Mikroyan. Auto- mation and Control of Moscow Refrigerator No. 12. 20	
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Kozin, E. P. [Mezhdunarodnoye konstruktorskoye bureau Khodil'skogo Nauchno-Issledovatel'skogo (Central Design Office for the Building of Refri- geration Machinery), Central Design Office for the Building of Refri- geration Machinery], Gost and Mass Production Is an Air-Cooler Provided With Helical Pins. 55	
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Scherbakov, V. S. [Central Design Office for the Building of Refrigeration Machinery]. Activation of Refrigerating Plants With a Widespread Cooling System. 86	
CONTINUATION NO. 4	
Ostrikchikov, S. I., V. D. Borodkin, I. I. Butikova, [All-Union Scientific Research Institute of the Ferrieration Industry] serial A. I. Mikroyan. Refrigeration and Defrosting of Carpet Anchors Sprays. 92	
Scherbakov, V. M. [Vsesoyuznyy nauchno-issledovatel'skiy institut po snabzheniiyu priemyschestv (All-Union Scientific Research Institute of the Supply of Enterprises)], Use of Antibiotics for Extending the Term of Cold Storage of Meat and Meat Products. 99	

ALIYEV, Ya.Yu.; GAR'KOVETS, T.G.; PENSKAYA, L.V.

Preparation of copper acetylenide. Uzb.khim.zhur. 6 no.1:69-72  
'62. (MIRA 15:3)

1. Institut khimii AN UzSSR.  
(Copper compounds) (Acetylene)

L 52172-61 EFT(1)/EM(1)/EMA(b)-2 Pash RO

ACCESSION NR: AP5015540

UR/0286/65/000/008/0080/0080

AUTHORS: Ablyayev, Ye. I.; Kamilova, R.; Romanova, I. B.; Penskaya, L. V.;

TITLE: A method of weed control in cotton plantings by applying selective herbicides.

SOURCE: Byulleten' izobretenij i dozvolej SSSR, No. 1, 1986, p. 10.

TOPIC TAGS: agriculture, pesticides, cotton, herbicides, weeds

ABSTRACT: This Author Certificate presents a method for controlling weeds in cotton plantings by applying selective herbicides. To broaden the assortment of

APPROVAL DATE: 0000

SUBMITTER: 15 Nov 86

NO REF Sov: 000

OTHER: 000

QFD 1/1

L 54706-65 EWT(m)/CPP(c)/EP(i)/? Po-L/Pt-L RM

ACCESSION NO: AP501.522

541.182.64:541.64

AUTHOR: Gul', V. Ye.; Penskaya, Ye. A.; Kuleznev, V. N.

24  
B

TITLE: Evaluation of the compatibility of polymers

SOURCE: Kolloidnnyy zhurnal, v. 27, no. 3, 1965, 341-345

TOPIC TAGS: polyethylene, solubility, polymer property, viscosity

ABSTRACT: The authors show that deviation of the specific viscosity of a mixture of polyethylene and polypropylene from the additive value is not constant, but depends on the temperature. It is shown that the experimental curves do not agree with the additive curves, which is evidence of the non-additivity of the interaction between the polymers.

Card 1 of 1

L 54706-55

ACCESSION NR: AP5014-522

characteristics of polymers are proposed: thermodynamic and technological. The former is determined by the interval of concentrations within which the system remains thermodynamically static. The latter is determined by the period where changes in the properties of the system do not exceed the permissible limits during practical use of the polymer mixture. Orig. art. has: 1 figure and 1 table.

ASSOCIATION: Moskovskiy tekhnologicheskiy institut myasnov i molechnoy promstsiy lennosti (Moscow Technological Institute of Meat and Chemical Industry Institute of Fine Chemical Technology)

SUBMITTED: 02Jan64

ENCL: 00

SUB CODE: 0C

NO REF Sov: 006

OTHER: 001

Card 2/2

m/b

"APPROVED FOR RELEASE: 06/15/2000

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33532-65 EX-1 CONFIDENTIAL 500

**ABSTRACT:** An experimental investigation was conducted to determine the feasibility

APPROVED FOR RELEASE: 06/15/2000

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"APPROVED FOR RELEASE: 06/15/2000

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EXPIRATION DATE: APR 00 2000

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CIA-RDP86-00513R001239920017-7

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239920017-7"

GUL', V.Ye.; PENSKAYA, Ye.A.; KULEZNEV, V.N.

Evaluation of the compatibility of polymers. Koll.zhur. 27  
no. 3:341-345 My-Je '65. (MIRA 18:12)

1. Moskovskiy tekhnologicheskiy institut myasnoy i molochnoy  
promyshlennosti i Moskovskiy institut tonkoy khimicheskoy  
tekhnologii imeni Lomonosova. Submitted Jan. 2, 1964.

GUL', V.Ye.; PENSKAYA, Ye.A.; KULEZHEV, V.N.; ARUTYUNOVA, S.G.

Estimation of the compatibility of polymers. Dokl. AN SSSR 160  
no.1:154-157 Ja '65. (MIRA 18:2)

1. Moskovskiy tekhnologicheskiy institut myasnoy i molochnoy  
promyshlennosti i Moskovskiy institut tonkoy khimicheskoy  
tekhnologii im. M.V. Lomonosova. Submitted June 16, 1964.

BERLIN, A.A.; PENSKAYA, Ye.A.

Formation of active molecules in the cryolysis of water solutions of  
starch. Dokl. AN SSSR 110 no.4:585-588 O '56. (MIRA 10:1)

1. Moskovskiy tekhnologicheskiy institut myasnoy i molochnoy promyshlen-  
nosti. Predstavлено академиком A.V. Topchiyevym.  
(Starch) (Low temperature research)

PENSKER, Z.G.

Category : USSR/Solid State Physics - Structure of Deformable Materials E-8

Abs Jour : Ref Zhur - Fizikr, No 3, 1957, No 6737

Author : Seniletov, S.A., Fenskor, Z.G.

Inst : Institute of Crystallography, Academy of Sciences, USSR

Title : Electron Diffraction Investigation of the Degree of Perfection of Germanium Single Crystals.

Orig Pub : Kristallografiye, 1956, 1, No 2, 209-213

Abstract : An investigation was made of the perfection of the structure of the surface layer of ground and etched single crystals of germanium. The crystals were ground with corundum powder (120 minutes) or etched in boiling hydrogen peroxide. The electron diffraction patterns produced with ground crystals displayed Debye rings and spots, thus showing that when germanium is ground individual blocks are formed in the surface layer, turned by angles of approximately 2 ... 3° relative to each other (mosaics), and minute crystals are torn off the surface. In the case of etching there is a gradual removal of this layer with damaged structure, and Kikuchi lines, the

Cord : 1/2

L 26371-66 EWP(j)/EWT(m)/I/EWP(t)

IJP(c) RM/JD

ACC NR: AP60111

(A)

SOURCE CODE: UR/0413/66/000/006/0028/0028

31

INVENTOR: Penskiy, V. N.

B

ORG: none

TITLE: A method for producing phenyltrichlorosilane. Class 12, No. 179771

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 6, 1966, 28

TOPIC TAGS: copper alloy, silicon alloy, silane, phenyl compound, plastic, chlorinated organic compound

ABSTRACT: This Author's Certificate introduces a method for producing phenyltrichlorosilane from a copper-silicon alloy and benzene in the presence of catalytic additives. The product yield is increased by introducing 2% phenyltrichlorosilane as an additive in the reaction zone.

SUB CODE: 07,11/ SUBM DATE: 03May62/ ORIG REF: 000/ OTH REF: 000

UDC: 547.562.1'128.05

Cord 1/1

SZEPKE, Ryszard; WARDASZKO, Tadeusz; PENSKO, Jerzy

Practical method of determining the radioactive air contamination in self-luminous items establishments. Nukleonika 6 no.12:787-800 '61.

1. Central Laboratory for Radiological Protection, Warszawa.

SZEPKE, Ryszard; WARDASZKO, Tadeusz; PENSKO, Jerzy

Practical method of the radioactive air contamination determination  
in the self-luminous items establishments. Nukleonika 6 no.12:787-  
800 '61.

1. Central Laboratory for Radiological Protection, Warsaw.

POLAND/Nuclear Physics - Installations and Instruments.  
Method of Measurement and Research

C.

Abs Jour : Ref Zhur - Fizika, No 7, 1959, 14776

Author : Pensko, Jerzy

Inst :

Title : Problems of Protection Against Radioactive Radiation  
Abroad and in Poland

Orig Pub : Nukleonika, 1958, 3, No 4, 417-427

Abstract : No abstract.

Card 1/1

- 14 -

PENSKOY, I. N.

Penskoy, I. N. - "Commercial-timber characteristics of Siberian cedar and studies of tree species," Les khoz-vo, 1948, No. 3, p. 46-56

SO: U-3600, 10 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 6, 1949).

TENSKOY, I. K.

MUGAN' STEPPE-GRASSES

Wild grasses on alkaline soils of the Mugan' Steppe. Sov. agron. 10 No. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952, Uncl.

PENSKOY, Ivan Korneyevich

[Reclaiming leached soils for agricultural purposes] Sel'skokhozai-  
stvennoe osvoenie promyvaemykh i promytykh zemel'. Moskva, Gos. izd-  
vo selkhoz. lit-ry, 1955. (MLRA 9:9)  
(Field crops) (Leaching)

PENSKOV, I. R.

Germination of cotton under conditions of salt pressure. I. K. Penskov. *Pochvovedenie* 1958, No 8, 90-91.  
Good germination was obtained under conditions of a sulfate-chloride type of salinization with 0.2% of salt or 12 g/l. in soil test. A excess of 0.4% of salt did not affect the germination.

At greater salt content of the cotton was established, a concn. of 0.6% through a m. depth did not impede the growth, but yields were low. This concn. seems to be the limit. Below this, the yield may be normal. L.S.L.

PENSKOY, I.K.

Problem of determining the effective range of drain pipes. Dokl.Akad.  
sel'khoz. 21 no.7:36-40 '56. (MIRA 9:10)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhniki i  
melioratsii. Predstavlene akademikom A.N.Kostyakovym,  
(Drainage)

PENSKOY, I.K.

99-6-2/9

AUTHOR:

Penskoy, I.K.

TITLE:

Drainage and Soil Conditions in the Kura-Araksin Lowlands.  
(Drenazh i meliorativnoye sostoyaniye zemel' Kura-Araksinskoy  
nizmennosti)

PERIODICAL: "Gidrotekhnika i Melioratsiya", 1957, Nr 6, pp 11-24 (USSR)

ABSTRACT:

In order to further explore the functioning of open drainage ditches as well as underground drainage systems VNIIGIM, the All-Union Scientific Research Institute for Hydraulic Engineering and Melioration, conducted extensive research work on the saline farm lands of Kura-Araksin lowlands. Its main object was to establish the proper depth and distance of drain pipes from each other to be laid, so that adequate lowering of the water table together with a decrease of saline reaction of the soils is obtained. It was found that under prevailing soil conditions a distance of 400 m between the drain ducts resulted in a fast lowering of the water table, whereas strong saline reaction was noticed at a distance of 200 m from the drains when the drainage strands were 700 m apart. Drains installed at depth of 3.5 m and deeper produced satisfactory draining results without leaving saline residues, and eliminated the need for flushing operations. The flushing effect varied with dif-

Card 1/2

PENSKOY, I. K.

"The Agricultural Utilization of Irrigable and Irrigated Soils."

dissertation defended for the degree of Candidate of Agricultural Sciences  
at the Soil Inst. im V. V. Dokuchayev.

Defense of Dissertation (Jan-Jul 1957)  
Sect. of Biological Sciences  
Vest. ANSSSR, 1957, v. 27, No. 12, pp. 118-120

USSR/Cultivated Plants. Commercial. Oil-Bearing. Sugars.

M

Abs Jour: Ref Zhur-Biol., No 5, 1958, 20381.

Author : I.V. Penskoy

Inst : Not given

Title : The Salt Resistance of Cotton and Its Effect on the  
Seasonal Dynamics of Salts in the Kura-Araksinskaya  
Plain. (Soleustoy-chivost' khlopchathnika i yego vliyaniye  
na sezonnuyu dinamiku soley v usloviyakh Kura-Araksinskoy  
nizmennosti).

Orig Pub: Pochvovedeniye, 1956, No 8, 86-91.

Abstract: Investigations have established the extreme sensitivity  
of cotton to soil salinity in the shoot stage when it  
can tolerate a salt solution in water not higher than  
0.2-0.3%. In later stages of development cotton can  
stand up to 6% salinity in its layer of soil in the

Card : 1/2

PENTEK, Istvan, dr.; BIKICS, Zoltan; HORVATH, Janos, okleveles mernok;  
HALASZ, Jozsef, okleveles mernok

Plant experiences in injecting oil into the Ozd blast  
furnaces. Koh lap 96 no.5:222-227 My. '63.

1. Koho- es Gepipari Miniszterium Tezelestechnikai Kutato  
Allomas (for Pentek and Bikics).
2. Ozdi Kohaszati Uzemek (for Horvath and Halasz).

PENTEK, Jozsef, dr.

Public health collectives in the village. Nepegeszaegugy 45  
no.111-12 Ja'64.

31

\*

PENSKER, Z. G.

Category : USSR/Solid State Physics - Structure of Deformable Materials

E-8

Abs Jour : Ref Zhur - Fizika, No 3, 1957, No 6737

Author : Seniletov, S.A., Penskor, Z.G.

Inst : Institute of Crystallography, Academy of Sciences, USSR

Title : Electron Diffraction Investigation of the Degree of Perfection of Germanium Single Crystals.

Orig Pub : Kristallografiya, 1956, 1, No 2, 209-213

Abstract : An investigation was made of the perfection of the structure of the surface layer of ground and etched single crystals of germanium. The crystals were ground with corundum powder (120 minutes) or etched in boiling hydrogen peroxide. The electron diffraction patterns produced with ground crystals displayed Debye rings and spots, thus showing that when germanium is ground individual blocks are formed in the surface layer, turned by angles of approximately 2 -- 3° relative to each other (mosaics), and minute crystals are torn off the surface. In the case of etching there is a gradual removal of this layer with damaged structure, and Kikuchi lines, the

Card : 1/2

Category : USSR/Solid State Physics - Structure of Deformable Materials

E-8

Abs Jour : Ref Zhur - Fizika, No 5, 1957, No 6737

sharpness and contrast of which increase gradually, appear on the electron diffraction patterns. This is evidence of the improvement in the structure of the surface layer. It was established that individual blocks, forming in grinding (mosaics), penetrated to the crystal at a depth of 40 -- 80 microns.

To dissolve these blocks fully etching in hydrogen peroxide for 10-20 minutes is necessary. After etching for the indicated length of time, the electron-diffraction patterns obtained with these specimens had sharp Kikuchi lines and bands analogous to those exhibited by photographs obtained from the cleavage face of a single crystal.

Card : 2/2

PENSON, J.

Clinical observations and studies on water, carbohydrate and nitrogen metabolism in epidemic jaundice. Polski tygod. lek. 5 no.17:649-653 24 Apr 1950. (CIML 20:1)

1. Of the First Clinic for Internal Diseases of Lodz University (Head--Prof. Jozef Grott).

PENSON, J.

~~Clinical observations and studies on water, carbohydrate and nitrogen metabolism in epidemic jaundice. Polski tygod. lek. 5 no.18:705-710 2 May 1950.~~ (CIML 20:1)

1. Of the First Clinic or Internal Diseases of the Medical Academy in Lodz (Head--Prof. Jozef Grott, M. D.).

PENSON, Jakub; NIELUBSZUC, Stanislaw; MOSCZYNSSKA, Zofia

Modifications of qualitative content of serum proteins and erythrocytes sedimentation during trichinosis. Polskie arch. med. wewnetrz. 23 no.5:683-688 1953.

1. Z II Kliniki Chorob Wewnętrznych Akademii Medycznej w Gdańsku.  
Kierownik: prof. dr med. J.Penson.

(BLOOD COAGULATION, in various diseases,

\*trichinosis)

(BLOOD SEDIMENTATION, in various diseases,

\*trichinosis)

(TRICHINOSIS, blood in,

\*coagulation & sedimentation)

PENSON, Jakub.

Hyperthyroidism masked by circulatory insufficiency. Kardiol.  
polska 1 no.1-2:31-34 1954.

1. Z III Kliniki Chorob Wewnętrznych AM w Gdansku. Kierownik:  
prof.dr J. Penson.

(CONGESTIVE HEART FAILURE, differential diagnosis,  
hyperthyroidism)

(HYPERTHYROIDISM, differential diagnosis,  
congestive heart failure)

PENSON, Jakub.

Chronic lipoid nephrosis. Polski tygod.lek. 11 no.2:53-60 9 Jan 56.

l. Z III Kliniki Chorob Wewnętrznych A.M. w Gdansku; kier: prof.  
dr med. J.Penson. Gdańsk-Wrzeszcz, ul. Lipowa 29.

(NEPHROSIS  
lipoid, chronic)

MIERZBIEWSKI, T.; MIRECKI, L.; PENSON, J.; SWICA, S.; WAJDA, Z.;  
WROZOLKOWA, T.

Pheochromocytoma. Diagnostic value of aorto-arteriography and  
therapeutic problems. Kardiol. pol. 6 no.3:155-159 '63.

1. Z II Kliniki Chorob Wewnetrznych Kierownik: prof. dr J.  
Penson z Kliniki Radiologii i Radioterapii Kierownik: prof.  
dr W. Grabowski z III Kliniki Chirurgicznej Kierownik: prof. dr  
Z. Kieturakis z Zakladu Anatomii Patologicznej AM w Gdansku  
Kierownik: prof. dr W. Czarnocki.

(PHEOCHROMOCYTOMA) (ANGIOGRAPHY)

PIENSON, Jakub; ZELAWSKA-BODAKIEWICZ, Barbara

Sympomatic hypertension in pregnancy. Pol. arch. med. wewnet.  
35 no.8s1289-1293 '65

1. Z II. Kliniki Chorob Wewnętrznych AM w Gdańsku (Kierownik:  
prof. dr. med. J. Pienson) i z I Kliniki Położnictwa i Chorob  
Kobiecych AM w Gdańsku (Kierownik: prof. dr. med. S. Metler)

PENSON, Jakub

Necrosis of the renal medulla. Pol. arch. med. wewn. 33 no.7:  
819-823 '63.

(KIDNEY DISEASES) (NECROSIS)  
(URINARY TRACT INFECTIONS)

PENSON, Jakub

Steroid therapy of nephrosis in adults. Polskie arch.med.wewn.  
30 no.6:799-803 '60.

1. Z II Kliniki Chorob Wewnetrznych A.M. w Gdansku Kierownik:  
prof. dr J.Penson.  
(ADRENAL CORTEX HORMONES ther)  
(NEPHROSIS ther)

PENSON, Jakub(Gdansk-Wrzeszcz, ul. Lipowa 29 m. 3.)

Circulatory failure in the course of acute glomerulonephritis. Polski  
tygod. lek. 12 no.50:1925-1930 16 Dec. 57.

1. (Z II Kliniki Chorob Wewnętrznych Akademii Medycznej w Gdansku;  
kierownik: prof. dr Jakub Penzon)

(**GLOMERULONEPHRITIS**, compl.  
congestive heart failure (Pol))  
(CONGESTIVE HEART FAILURE, etiol. & pathogen,  
glomerulonephritis, acute (Pol))

PENSON, Jakub (Gdansk-Wrzeszcz, ul. Lipowa 29/3)

Pain in abdominal aorta in severe hyperthyroidism. Polski tygod. lek.  
13 no.1:17-19 6 JJan 58.

Z II Kliniki Chorob Wewnetrznych A. M. w Gdansku; kierownik: prof.  
dr med. Jakub Penson)

(HYPERTHYROIDISM, manifest.  
spontaneous pain in abdom. aorta in severe cases (Pol))  
(AORTA, dis.  
spontaneous pain in severe hyperthyroidism (Pol))

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CIA-RDP86-00513R001239920017-7

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239920017-7"

PENSOV, G.

"Classification of Differential Geometric Objects of the  
Class v With One Component," Dok.AN, 54, No. 7, 1946.

~~PENSON, Jakob~~

~~PENSON, Jakob; CYNOWSKI, Lucjan~~

Malignant symptomatic hypertension. Polskie arch. med. wewn. 25 no.1:  
107-115 1955.

1. Z III. kliniki chor. wewn.; kierownik prof. dr. med. J.Penson.  
(HYPERTENSION

malignant, symptomatic, caused by pheochromocytoma)  
(PARAGANGLIOMA

pheochromocytoma, causing malignant symptomatic hypertension)

PENSON, Jakub; MUSZKOWSKA, Joanna.

Mass thrombus of the left auricle. Polski tygod.lek. 10 no.9:266-  
269 28 Feb 55.

1. Z III Kliniki Chorob Wewnętrznych A. M. w Gdansku; kierownik:  
prof. dr med. J.Penson. Gdańsk, ul. Służy 9/10.  
(MITAL STENOSIS, complications,  
mass thrombus of left auricle)  
(HEART,  
auricle, left, mass thrombus in mitral stenosis)

ADASCALITEI, Mihai, ing.; PENTA, Ion, ing.

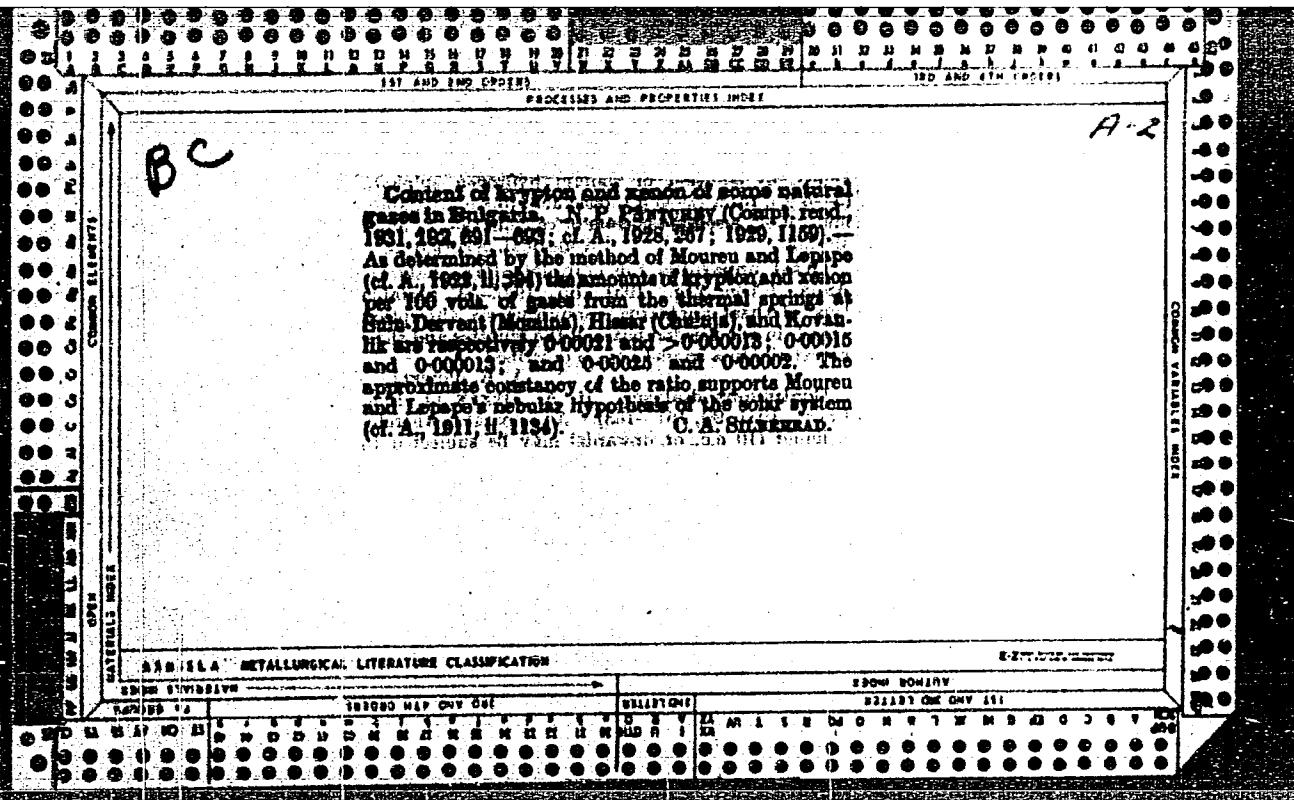
New relationships in determining the rolling tap angle of drilling plugs for obtaining high quality heat rolled tubes. Metalurgia constr mas 14 no.10:896-900 0 '62.

1. Fabrica de tevi, Roman.

PENTA, Ion, ing.

Correct calibration of perforating cylinders in the Stiefel rolling mills, main factor in obtaining pipes of superior quality. Metalurgia constr mas 13 no.10:908-912 O '61.

(Pipe) (Broaching machines)



L 4351-66

ACC NR: AP5028775

SOURCE CODE: EU/0011/65/018/002/0149/0151

20  
B

AUTHOR: Pentcheva, E.

ORG: Geological Institute, Bulgarian Academy of Sciences (Institut geologique pres  
l'Academie bulgare des Sciences)

TITLE: Distribution of rare and dispersed elements in Bulgarian underground salt water

SOURCE: Bulgarska akademiya na naukite, v. 18, no. 2, 1965, 149-151

TOPIC TAGS: hydrology, trace analysis, spectrographic analysis

ABSTRACT: [French article] The paper reports the first known data concerning the metallic trace components in Bulgarian underground salt waters. These preliminary quantitative results presented in a comprehensive table cover 23 metallic and 4 nonmetallic components in 20 water samples originating from 11 strata in Northern Bulgaria. Data were obtained by the following sequence of operations: 1) direct spectral analysis; 2) preliminary enrichment and subsequent spectral analysis of the rare alkaline elements; and 3) preliminary enrichment with subsequent spectral analysis of heavy metals and other dispersed elements. The work was presented by Professor B. Kamenov.  
23 Oct 64. [JPRS]

SUB CODE: ES, GC / SUBM DATE: 23Oct64 / ORIG REF: 007 / OTH REF: 001

SOV REF: 004

Card 1/1 KC

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239920017-7

PENTEGOV, A.P.

DECEASED  
c1959

1961/2

SEE ILC

CHEMISTRY

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239920017-7"

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239920017-7

PENTEGOV, Boris Petrovich, 1887-

The distribution of copper between slag and matter of pyritic smelting.  
Vladivostok Tip. Voennoi akad. 1922. 23 p.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239920017-7"

S/125/61/000/005/005/016  
A161/A127

AUTHOR:

Pentegov, I. V.

TITLE:

The circuit of the resonant-pulse capacitor welding machine for the seam welding of thin metal

PERIODICAL: Avtomaticheskaya svarka, no. 5, 1961, 43 - 48

TEXT: A detailed description is given of the design and the operation of a new welding machine. The design principle is shown in a basic diagram, without elements not related to the welding circuit. The circuit consists of a welding transformer, a bank of capacitors and two ignitrons. The power is supplied from a separating transformer. The control unit has to give precisely synchronous ignition pulses to the grids of thyratrons alternating into positive and negative network half-cycles, and it should permit control of the welding spot frequency and have a phase shifter for the ignition moment. The description includes formulas of the maximum capacitance voltage, duration of welding pulse, capacity of the capacitors, transformation factor of the transformer, cross section area of the transformer steel core. The power stored in the capacitors makes the circuit insensitive to brief voltage fluctuations in network and works as a kind of flywheel.

Card 1/2

PENTEGOV, I.V.

Diagram of a pulsation-resonance capacitor for seam welding of thin metals. Avtom. svar 14 no.5:43-48 My '61. (MIR14:5)

1. Institut elektrotekhniki AN USSR.  
(Electric welding--Equipment and supplies)

PENTEGOV, I.V. [Pentehov, I.V.]

Method for analyzing transient and steady-state processes in electrical networks subject to the action of a series of disturbances.  
Dop. AN URSR no.2:216-219 '64. (MIRA 17:5)

I. Institut elektrosvarki AN UkrSSR. Predstavлено академиком AN Ukr SSR K.K.Khrenovym [Khrienov, K.K.].

PENTEGOV, I.V.

Design of transformers for resistance welding. Avtom. svar.  
15 no.9:13-17 S '62. (MIRA 15:9)

1. Institut elektrotehniki AN UkrSSR.  
(Electric welding--Equipment and supplies)

ACC NR: AP7000328

SOURCE CODE: UR/0413/66/000/022/0073/0073

INVENTOR: Pentegov, I. V.; Meshcheryak, S. N.

ORG: none

TITLE: Method of controlling the shape of a welding current pulse. Class 21,  
No. 188604 [announced by the Institute of Electric Welding im. Ye. O. Paton  
(Institut elektrosvarki)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 22, 1966, 73

TOPIC TAGS: ~~stored energy~~ <sup>pulse</sup> welding, welding <sup>equipment</sup> ~~current-pulse~~, welding <sup>technology</sup> ~~current-control~~

ABSTRACT: This Author Certificate introduces a method of controlling the shape  
of a welding current pulse, mainly in stored energy welding, by means of an  
additional capacitor battery. To improve the weld quality, the ascending as well as  
descending side of the impulse is controlled by superimposing the charging-discharg-  
ing processes of the controlling battery over the primary discharge. Orig. art.  
has: 1 figure.

[TD]

SUB CODE: 13, 09/SUBM DATE: 29Nov65/ ATD PRESS: 5109

Card 1/1

UDC: 621.791.76

<PEM'IGOV, Igor' Vladimirovich, inzh.

Determination of optimum transformer sizes. Izv. vys. ucheb. zav;  
elektromekh. 3 no.8:69-76 '60. (MIRA 13:9)  
(Electric transformers)

PENTEGOVA, A.A., uchitel' nitsa.

Stuffing birds and small mammals. Est. v shkole no.5:81-82  
S-0'56.  
(MIRA 9:10)

1. Shkola no.3, stantsiya Nilolaevka Mineralovodskogo rayona Stavro-  
pol'skogo kraya.  
(Taxidermy)

PENTEGOV, V.I.

USSR

Resin acids from the galipot (oleoresin) of the Siberian cedar. A. P. Pentegov and V. A. Pentegova. Trudy Khim. Met. Inst., Akad. Nauk S.S.R. Zadolzhens-Sibirsk, No. 7, p. 10 (1953). Two resin acids were isolated from the solid, nonvolatile portion of the galipot of Siberian cedar: a cryst. acid (I) similar in its properties to a low-melting abietic acid, and a noncryst. acid (II), quite different from any other known resin acid, named cedar acid. I is obtained by extg. galipot 500 g. at +10° with petr. ether (75 ml.); crude I is filtered off and the ppt. (90-120 g.) is dissolved at 50° in acetone, filtered, and cooied; the pptd. triangular flakes, recrystd. twice (EtOH), are treated with 1% NaOH (in slight excess); the Na. salt of I, dissolved in hot H<sub>2</sub>O and pptd. upon cooling, is acidified with AcOH to a weak acidic reaction. I, thus obtained, recrystd. 8-10 times (EtOH) has: m.p. 160-2°, [α]<sub>D</sub> -108.60 (EtOH), iodine no. 168, acid no. 186, d<sub>40</sub> 1.1170, n<sub>D</sub> 1.5787, mol. rotation (MR) 89.25, C<sub>20</sub>H<sub>24</sub>O<sub>2</sub>-calcd. mol. wt. 302.24, detd. mol. wt. 301.1 (titration), 304.0 (camphor method). By dehydrogenation with S, I yields retene, C<sub>10</sub>H<sub>16</sub>, m. 98°, mol. wt. 235. The Ag salt of I treated with CH<sub>3</sub>I yields a Me. ester, b.p. 210°, d<sub>40</sub> 1.0437, n<sub>D</sub> 1.5320, [α]<sub>D</sub> -29.9° (EtOH), MR 93.81. Adduct of this ester and maleic anhydride m. 212°. II obtained by evapn. *in vacuo* at 40-60° of the petr. ether ext. is carefully purified, m. 60-2°, d<sub>40</sub> 1.0610, [α]<sub>D</sub> 0° (EtOH), n<sub>D</sub> 1.5341, MR 88.57, mol. wt. calcd. (C<sub>20</sub>H<sub>24</sub>O<sub>2</sub>) 302.24, detd. 301.6 (titration), 308.0 (camphor method); iodine no. 170, acid no. 180.

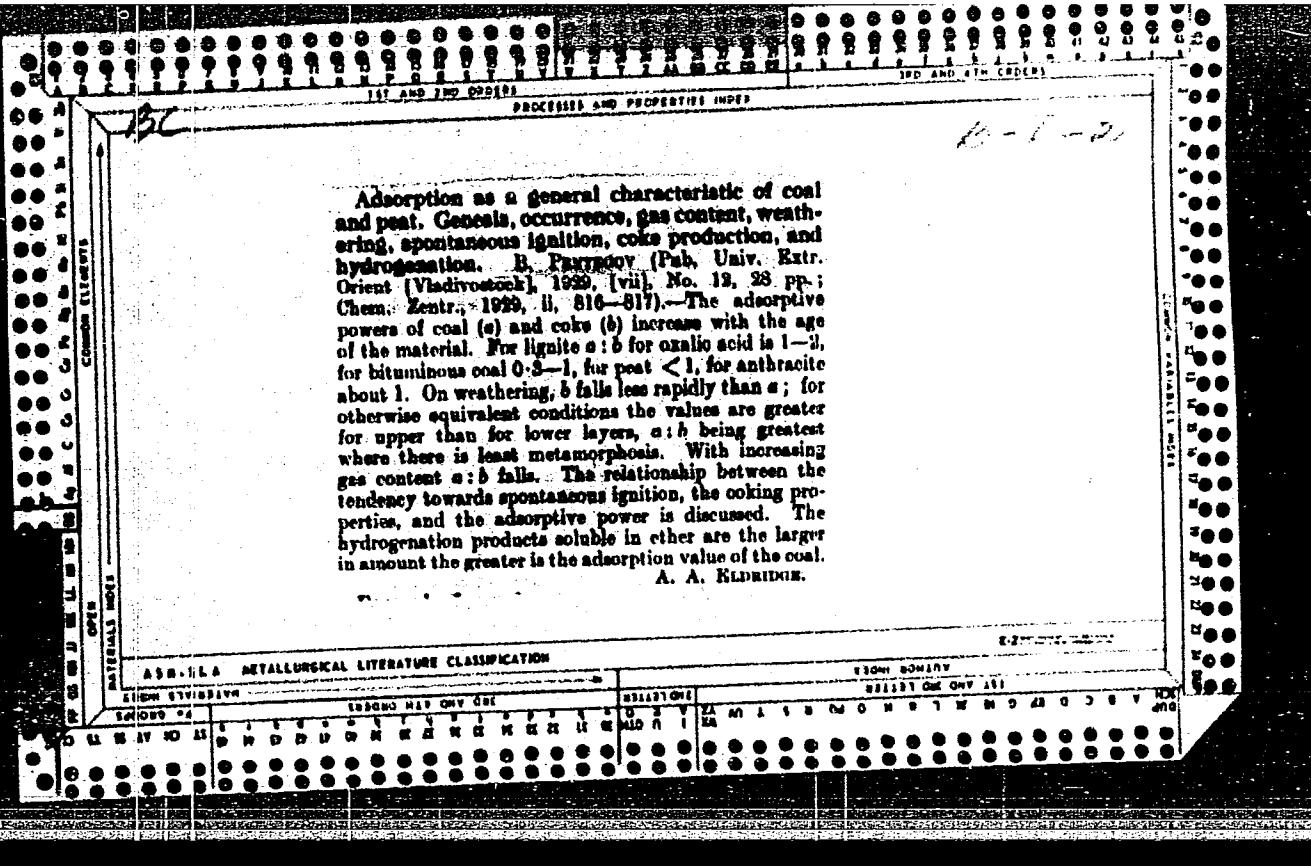
Elisabeth Baratash

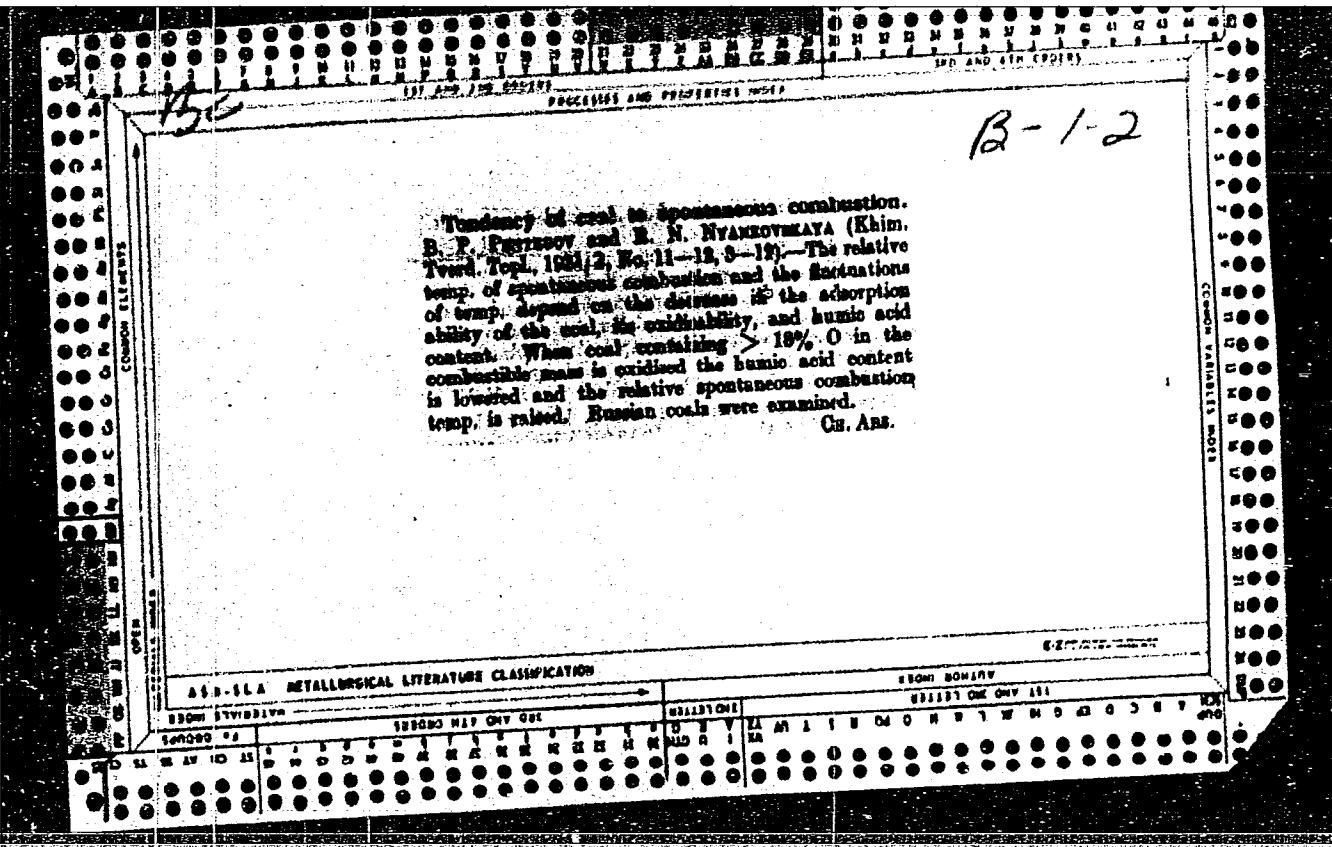
PENTEGOVA, V. A.

U S S R .

Resin acids in resin obtained from the galipot of Siberian cedar. A. P. Pentegov and V. A. Pentegova. Trudy Khim.-Tekhn. Akad. Nauk SSSR, Zapovedno-Sibirskii Filial No. 7, 11-16 (1953).— This resin (I) contains a non-cryst. resin acid and more neutral substances than the resin obtained from pine trees, and as a result it does not crystallize when stored, has better optical properties, and forms a stable plastic film. Two resin acids isolated from I are identical with those isolated from the galipot itself, which indicates that in the pregn. of I, these acids do not isom.

Elisabeth Barabash





3C

1ST AND 2ND ORDERS	PROCESSES AND PROPERTIES INDEX	3RD AND 4TH ORDERS
B-I-2		
Armenia comes from the Far Eastern district. B. P. Pustovoit (Khim. Tverd. Topl., 1932, 3, 13-26). Results of analyses and carbonisation tests are recorded. Cn. Arm.		
OPEN HEARTH	MATERIALS INDEX	COPPER INDUSTRY
ASA-SEA METALLURGICAL LITERATURE CLASSIFICATION		
SECOND DIVISION	SECOND HIGHER ONE	SECOND LOWER
THIRD ONE	THIRD HIGHER ONE	THIRD LOWER
FOURTH ONE	FOURTH HIGHER ONE	FOURTH LOWER
FIFTH ONE	FIFTH HIGHER ONE	FIFTH LOWER
SIXTH ONE	SIXTH HIGHER ONE	SIXTH LOWER
SEVENTH ONE	SEVENTH HIGHER ONE	SEVENTH LOWER
EIGHTH ONE	EIGHTH HIGHER ONE	EIGHTH LOWER
NINTH ONE	NINTH HIGHER ONE	NINTH LOWER
TENTH ONE	TENTH HIGHER ONE	TENTH LOWER
ELEVENTH ONE	ELEVENTH HIGHER ONE	ELEVENTH LOWER
TWELFTH ONE	TWELFTH HIGHER ONE	TWELFTH LOWER
THIRTEENTH ONE	THIRTEENTH HIGHER ONE	THIRTEENTH LOWER
FOURTEENTH ONE	FOURTEENTH HIGHER ONE	FOURTEENTH LOWER
FIFTEENTH ONE	FIFTEENTH HIGHER ONE	FIFTEENTH LOWER
SIXTEENTH ONE	SIXTEENTH HIGHER ONE	SIXTEENTH LOWER
SEVENTEENTH ONE	SEVENTEENTH HIGHER ONE	SEVENTEENTH LOWER
Eighteen	Eighteen	Eighteen

